

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PP/1-22728	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 03/08353	International filing date (day/month/year) 29/07/2003	(Earliest) Priority Date (day/month/year) 07/08/2002
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 08353

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08K5/3435 C08L23/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 632 095 A (NEW JAPAN CHEM CO LTD) 4 January 1995 (1995-01-04) cited in the application claim 1 table 1 page 8, line 37,38 page 9, line 40-57 ---	1-7,9, 10, 12-14, 16-22
Y	GB 1 492 494 A (SANKYO CO;CIBA GEIGY AG) 23 November 1977 (1977-11-23) claims 1,9,10,13 example 13 page 9, line 24 ---	1-7,9, 10, 12-14, 16-22

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

3 December 2003

Date of mailing of the international search report

16/12/2003

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INTERNATIONAL SEARCH REPORT

International Application No.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 692 486 A (GUGUMUS FRANCOIS) 8 September 1987 (1987-09-08) claims 1,6 column 2; figures A-13 column 5, line 55,56 column 5, line 60 ---	1-24
A	EP 0 557 721 A (NEW JAPAN CHEM CO LTD) 1 September 1993 (1993-09-01) cited in the application claim 1 page 10, line 27-31 ---	1-24
A	WO 02 053633 A (THIERRY JEAN-FRANCOIS ;NYLSTAR S A (FR); CHARBONNEAUX THIERRY (IT)) 11 July 2002 (2002-07-11) claims 1,4 ---	1-24
A	EP 0 887 375 A (ATOCHEM ELF SA) 30 December 1998 (1998-12-30) claims 1,3 ---	1-24
X	US 4 797 350 A (OHBAYASHI KEIJI ET AL) 10 January 1989 (1989-01-10) claims 1,3 figures II-39 ---	25
X	DE 196 07 203 A (SUMITOMO CHEMICAL CO) 10 October 1996 (1996-10-10) page 18; figure 51 ---	25,27,28
X	DATABASE WPI Section Ch, Week 199716 Derwent Publications Ltd., London, GB; Class A23, AN 1997-176165 XP002237027 & JP 09 041217 A (TEIJIN LTD), 10 February 1997 (1997-02-10) abstract figure C ---	25
X	US 6 010 819 A (WATANABE HIROYUKI ET AL) 4 January 2000 (2000-01-04) figure A52; table 2 -----	25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Publication No

PCT/EP 08353

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0632095	A	04-01-1995	CN 1098725 A , B	15-02-1995
			DE 69428166 D1	11-10-2001
			DE 69428166 T2	16-05-2002
			EP 0632095 A2	04-01-1995
			JP 3443934 B2	08-09-2003
			JP 7033895 A	03-02-1995
			US 5491188 A	13-02-1996
GB 1492494	A	23-11-1977	AT 389276 A	15-05-1977
			BE 842236 A1	26-11-1976
			CH 601401 A5	14-07-1978
			DE 2621870 A1	16-12-1976
			FR 2333795 A1	01-07-1977
			FR 2357546 A1	03-02-1978
			FR 2333797 A1	01-07-1977
			JP 51143673 A	10-12-1976
			JP 62041223 B	02-09-1987
			JP 1319620 C	29-05-1986
			JP 59182826 A	17-10-1984
			JP 60046142 B	14-10-1985
			NL 7605796 A	30-11-1976
			SE 7605286 A	29-11-1976
			US 4191683 A	04-03-1980
US 4692486	A	08-09-1987	CA 1190038 A1	09-07-1985
			DE 3273474 D1	30-10-1986
			EP 0080431 A2	01-06-1983
			HK 60489 A	04-08-1989
			JP 1782586 C	13-08-1993
			JP 4065097 B	19-10-1992
			JP 58079033 A	12-05-1983
			SG 20689 G	04-01-1991
EP 0557721	A	01-09-1993	JP 3243835 B2	07-01-2002
			JP 5310665 A	22-11-1993
			JP 3374419 B2	04-02-2003
			JP 6107875 A	19-04-1994
			JP 3374423 B2	04-02-2003
			JP 5262936 A	12-10-1993
			DE 69329508 D1	09-11-2000
			DE 69329508 T2	03-05-2001
			EP 0557721 A2	01-09-1993
			EP 0962489 A2	08-12-1999
			KR 242873 B1	01-02-2000
			KR 266916 B1	15-09-2000
			US 6235823 B1	22-05-2001
WO 02053633	A	11-07-2002	FR 2818985 A1	05-07-2002
			CA 2432957 A1	11-07-2002
			EP 1358258 A2	05-11-2003
			WO 02053633 A2	11-07-2002
EP 0887375	A	30-12-1998	CA 2241252 A1	24-12-1998
			CN 1210103 A	10-03-1999
			EP 0887375 A1	30-12-1998
			JP 11071487 A	16-03-1999
			JP 2000053824 A	22-02-2000

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 08353

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4797350	A	10-01-1989	AU 592642 B2 18-01-1990
			AU 7287287 A 09-11-1987
			DE 3773036 D1 24-10-1991
			DE 3784051 D1 18-03-1993
			DE 3784051 T2 05-08-1993
			EP 0242211 A2 21-10-1987
			EP 0278003 A1 17-08-1988
			WO 8706360 A1 22-10-1987
			JP 2544422 B2 16-10-1996
			US 4906554 A 06-03-1990
DE 19607203	A	10-10-1996	CN 1149603 A 14-05-1997
			DE 19607203 A1 10-10-1996
			JP 8295799 A 12-11-1996
			NL 1002433 C2 20-11-1996
			NL 1002433 A1 29-08-1996
			SG 72643 A1 23-05-2000
JP 9041217	A	10-02-1997	NONE
US 6010819	A	04-01-2000	JP 11125889 A 11-05-1999